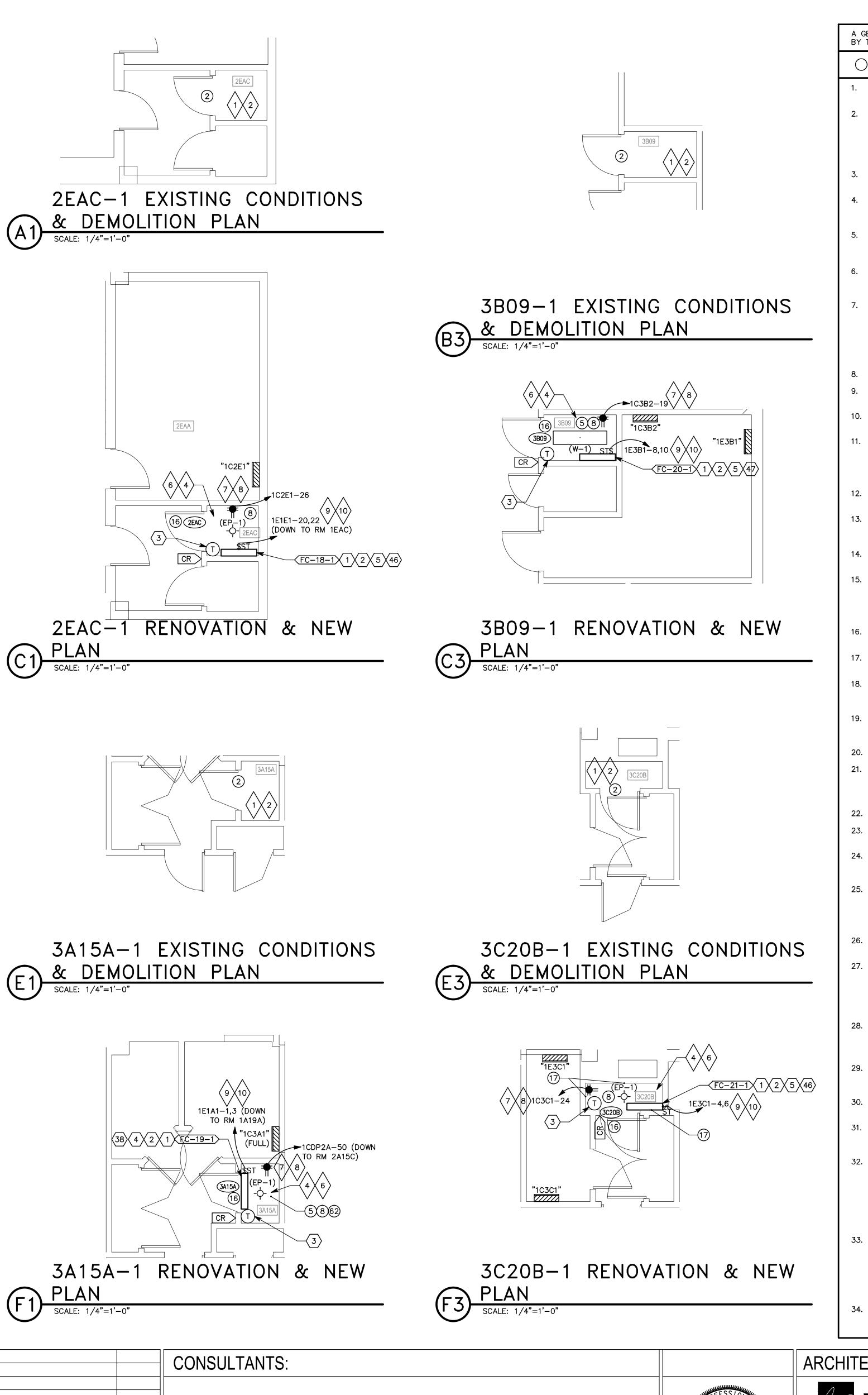
## Construction



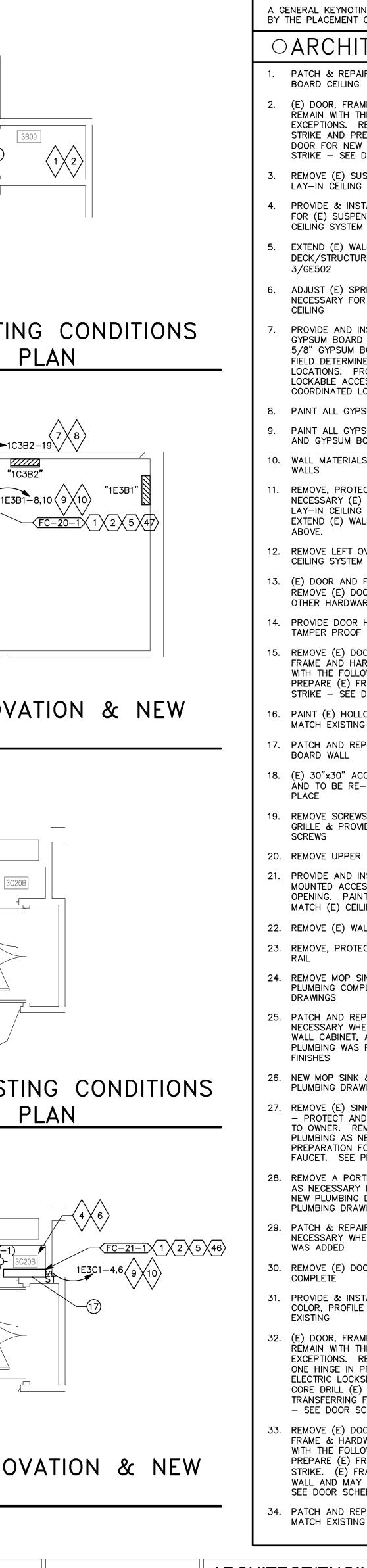
3

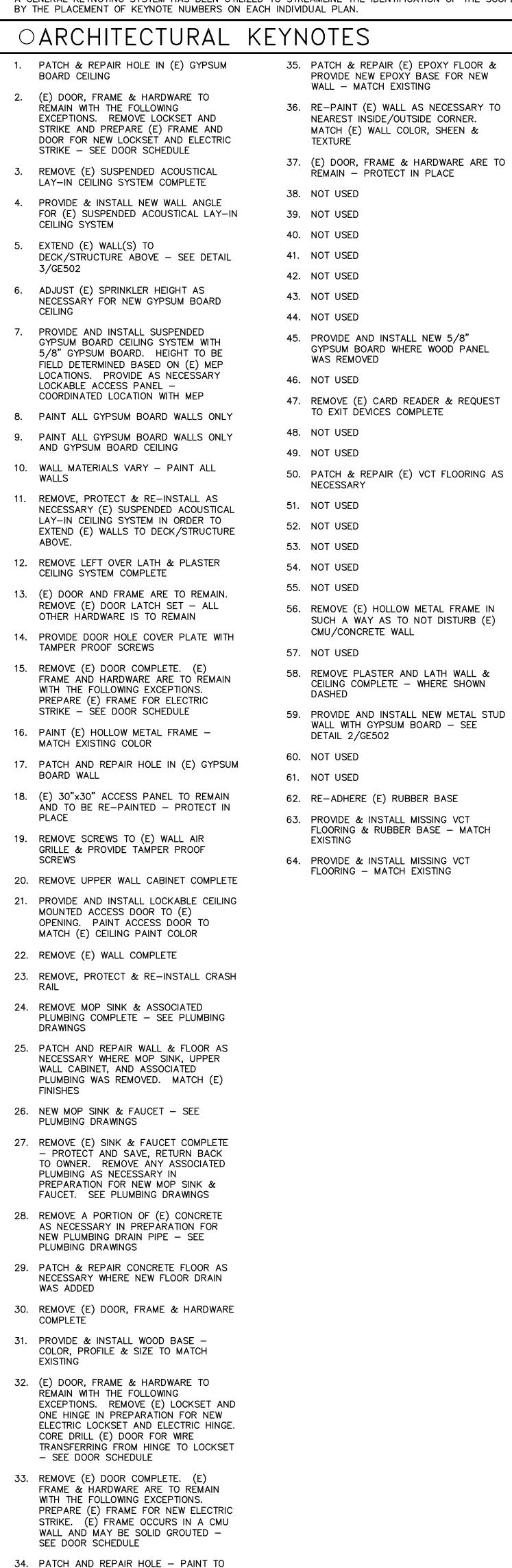
one eighth inch = one foot

0 4 8 16

Revisions:

VA FORM 08-623





A GENERAL KEYNOTING SYSTEM HAS BEEN UTILIZED TO STREAMLINE THE IDENTIFICATION OF THE SCOPE OF WORK. THESE KEYNOTES ARE IDENTIFIED OMECHANICAL KEYNOTES CONTRACTOR TO ROUTE PUMPED 28. ROOF MOUNTED CONDENSING UNIT CU-3 CONDENSATE TO NEAREST SANITARY SERVES UNITS: FC-24-1 (RM 4C22B-1) WASTE LINE OR TAILPIECE OF LAVATORY FC-21-1 (RM 3C20B-1), FC-15-1 (RM AND PROVIDE AIR GAP FITTING (WITH 2C20B-1), FC-18-1 (RM 2EAC-1), ASSOCIATED TRAP AS REQUIRED). FC-10-1 (RM 1F02-1), FC-5-1 (RM 1C12-1), FC-7-1 (RM 1EAC-1), FC-28-1 CONTRACTOR TO ROUTE NEW DX LINESET (RM GB05-1), FC-29-1 (RM GB08-1), AS UP THROUGH EXISTING STRUCTURE TO SHOWN ON SCHEMATIC LOCATED ON CONDENSING UNIT ON ROOF. ACTUAL ROUTING WILL NEED TO BE FIELD VERIFIED BY THE CONTRACTOR. AND COORDINATED 29. ROOF MOUNTED CONDENSING UNIT CU-2 WITH THE ARCHITECT/ ENGINEER PRIOR TO SERVES UNITS: FC-2-1 (RM 1B05-1), INSTALLATION. FC-4-1 (RM 1B29-1), FC-11-1 (RM 1G14-1), FC-14-1 (RM 2B09-1), PROVIDE WALL MOUNTED THERMOSTAT / FC-20-1 (RM 3B09-1), FC-25-1 (RM SENSOR FOR FAN COIL UNIT LOCATED AT 4D05-1), FC-26-1 (RM 5B13B-1), 48" ABOVE FINISHED FLOOR LEVEL AND TIE FC-30-1 (RM GC10B-1), FC-32-1 (RM INTO EXISTING BUILDING MANAGEMENT 4B13-1), AS SHOWN ON SCHEMATIC SYSTEM. INSTALL NEW FAN COIL UNIT BETWEEN TOP OF EXISTING DOOR FRAME AND CEILING STRUCTURE. CONTRACTOR TO INSTALL WALL MOUNTED SHEET GE605. FAN COIL UNIT AT 6'-6" ABOVE FINISH FLOOR TO BOTTOM OF UNIT. CONTRACTOR TO DEMOLISH EXISTING SUPPLY AND EXHAUST DUCTS BACK TO SHEET GE605. WALL PENETRATION AND CAP DUCTS. REMOVE EXISTING LIGHT FIXTURE. REMOVE EXISTING FLEX DUCT AND SUPPLY DIFFUSER AND CAP DUCT. CONTRACTOR TO PROVIDE SHEET METAL DRAIN PAN UNDER EXISTING CHILLED WATER PIPES. PROVIDE CONDENSATE SENSOR, PUMP AND PIPING TO NEAREST SANITARY WASTE LINE OR TAIL PIECE OF LAVATORY AND PROVIDE AIR GAP FITTING (WITH ASSOCIATED TRAP AS REQUIRED) SHEET GE605. 10. PROVIDE WALL MOUNTED SUPPLY AND RETURN GRILL MOUNTED ABOVE DOOR INSTALL FAN COIL UNIT IN CEILING SPACE SUCH THAT SERVICE CLEARANCE FOR UNIT IS MAINTAINED. 12. PROVIDE CEILING MOUNTED SUPPLY AND RETURN GRILLES. 13. EXISTING LIGHT FIXTURE TO BE RELOCATED TO ALLOW INSTALLATION OF NEW FAN COIL UNIT ABOVE DOOR. 14. CONTRACTOR TO REMOVE FLEX DUCT AND SHEET GE605. SUPPLY DIFFUSER AND CAP AT SHEET METAL DUCT. 15. CONTRACTOR TO REMOVE SUPPLY AND ON SHEET F1/GE102. RETURN GRILLE AND CAP DUCTWORK. 16. CONTRACTOR TO REMOVE / DISCARD EXISTING 2 PIPE FAN COIL UNIT AND CAP ON SHEET C1/GE104. HYDRONIC PIPING. 17. PROVIDE ROOF CURB AND FLASHING FOR PIPES ASSOCIATED WITH NEW CONDENSING ON SHEET C1/GE104. UNIT ON ROOF. 18. PROVIDE WALL MOUNTED SUPPLY AND RETURN GRILLE. ON SHEET C1/GE105. 19. REMOVE EXISTING DUCT FROM FAN COIL UNIT TO ROOM 2C20B-1 & 2C20C AND CAP DUCT IN ELECTRICAL ROOM. ON SHEET C1/GE105. 20. ROOF MOUNTED CONDENSING UNIT CU-1 SERVES UNITS: FC-1-1 (RM 1A19A-1), FC-8-1 (RM 1D18-1), FC-9-1 (RM ON SHEET C1/GE106. 1D49-1), FC-13-1 (RM 2A15C-1), FC-17-1 (RM 2D07-1), FC-19-1 (RM 3A15A-1), FC-22-1 (RM 3D07-1), SHOWN ON MECHANICAL PLAN LOCATED FC-23-1 (RM 4A15D-1), FC-27-1 (RM ON SHEET C1/GE106. GA16-1), AS SHOWN ON SCHEMATIC LOCATED ON SHEET GE603. 45. FAN COIL UNIT SERVED BY CU-11 AS SHOWN ON MECHANICAL PLAN LOCATED 21. ROOF MOUNTED CONDENSING UNIT CU-4 ON SHEET F5/GE106. SERVES UNITS: FC-1-14 (RM BA05-14), 46. FAN COIL UNIT SERVED BY CU-3 AS FC-3-14 (RM 2B02-14), FC-6-14 (RM SHOWN ON MECHANICAL PLAN LOCATED 3B03-14), FC-9-14 (RM GB34-14), ON SHEET F1/GE102. FC-12-14 (RM 1B01-14), AS SHOWN ON SCHEMATIC LOCATED ON SHEET GE603. 47. FAN COIL UNIT SERVED BY CU-2 AS SHOWN ON MECHANICAL PLAN LOCATED 22. ROOF MOUNTED CONDENSING UNIT CU-5 ON SHEET F1/GE102. SERVES UNITS: FC-2-14 (RM 2B25-14), FC-4-14 (RM 2B43-14), FC-5-14 (RM

3B01C-14), FC-7-14 (RM BC07-14),

GB64-14) AS SHOWN ON SCHEMATIC

SERVES UNITS: FC-1-2 (RM G008B-2), FC-2-2 (RM GA28-2), FC-3-2 (RM

(RM 1B09-2), FC-11-2 (RM 2A24-2),

FC-12-2 (RM B07-2) AS SHOWN ON

24. ROOF MOUNTED CONDENSING UNIT CU-7

LOCATED ON SHEET GE604.

SHEET GE604.

Approved: Project Director

SCHEMATIC LOCATED ON SHEET GE604.

SERVES UNITS: FC-4-2 (RM GC13-2),

1C14-2), FC-9-2 (RM 1D09-2), FC-10-2

(RM 1D35-2), AS SHOWN ON SCHEMATIC

SERVES UNITS: FC-1-3 (RM GA08C-3),

2A23C-3), FC-9-3 (RM 2B01A-3), AS

SERVES UNITS: FC-2-3 (RM GB01A-3),

FC-3-3 (RM GC14B-3), FC-5-3 (RM

FC-4-3 (RM 1A13C-3), FC-8-3 (RM

SHOWN ON SCHEMATIC LOCATED ON

26. ROOF MOUNTED CONDENSING UNIT CU-10

1B01A-3), FC-6-3 (RM 1C18C-3),

FC-7-3 (RM 1D01-3), FC-10-3 (RM

2C14B-3), AS SHOWN ON SCHEMATIC

27. ROOF MOUNTED CONDENSING UNIT CU-1

SERVES UNITS: FC-1-4 (RM BB03A-4),

FC-2-4 (RM 1A30A-4), FC-3-4 (RM

1B14-4), FC-4-4 (RM 1C40A-4), AS

SHOWN ON SCHEMATIC LOCATED ON

**ENLARGED IT CLOSET PLANS** 

LOCATED ON SHEET GE605.

FC-5-2 (RM GD05-2), FC-8-2 (RM

25. ROOF MOUNTED CONDENSING UNIT CU-8

GB03-2), FC-6-2 (RM 1A36-2), FC-7-2

23. ROOF MOUNTED CONDENSING UNIT CU-6

LOCATED ON SHEET GE604.

FC-10-14 (RM GB51A-14), FC-11-14 (RM

√KEYNOTES LOCATED ON SHEET GE603. 30. ROOF MOUNTED CONDENSING UNIT CU-14 REMOVE EXISTING LIGHT FIXTURE AND SERVES UNITS: FC-1-7 (RM 1A38-7), AS EXISTING LIGHT SWITCH. CONDUIT, SHOWN ON SCHEMATIC LOCATED ON CONDUCTORS AND JUNCTION BOXES SHALL REMAIN IN-PLACE AND OPERABLE FOR RE-USE. LIGHT FIXTURE AND 31. ROOF MOUNTED CONDENSING UNIT CU-15 SWITCH SHALL BE REPLACED AND ALL SERVES UNITS: FC-2-7 (RM 1C10-7), AS INTERCONNECTING CIRCUITRY SHALL SHOWN ON SCHEMATIC LOCATED ON REMAIN OPERABLE AS ILLUSTRATED ON NEW WORK DRAWINGS. 32. ROOF MOUNTED CONDENSING UNIT CU-16 REMOVE EXISTING UPS UNIT. RETURN ALL SERVES UNITS: FC-2-8 (RM 2A02A-8), FUNCTIONAL UPS UNITS TO THE VA. AS SHOWN ON SCHEMATIC LOCATED ON DISPOSE OF ALL NON-FUNCTIONAL UPS UNITS USING PROPER METHODS. 33. CONDENSING UNIT CU-18 MOUNTED ON 3. EXISTING EMERGENCY OUTLET SHALL GRADE SERVES UNITS: FC-1-18 (RM RFMAIN. 1A06-18), AS SHOWN ON SCHEMATIC LOCATED ON SHEET GE605. 4. PROVIDE NEW LIGHT FIXTURE PER LIGHT FIXTURE SCHEDULE AS DETAILED. 34. ROOF MOUNTED CONDENSING UNIT CU-21 RECONNECT EXISTING CIRCUIT TO POWER SERVES UNITS: FC-1-13 (RM 1A02-13), NEW LIGHT FIXTURE. PROVIDE AND AS SHOWN ON SCHEMATIC LOCATED ON INSTALL A 20 AMPERE DUAL TECHNOLOGY OCCUPANCY SENSOR/LIGHT SWITCH COMBO TO CONTROL THE 35. CONDENSING UNIT CU-19 MOUNTED ON LIGHTING. GRADE SERVES UNITS: FC-1-45 (RM GA04-45), AS SHOWN ON SCHEMATIC PROVIDE LIGHT FIXTURE PER LIGHT LOCATED ON SHEET GE605. FIXTURE SCHEDULE. EXTEND NEW CRITICAL POWER CIRCUIT BEING PULLED 36. CONDENSING UNIT CU-20 MOUNTED ON IN TO POWER NEW IT OUTLET. PROVIDE GRADE SERVES UNITS: FC-1-T1 (RM A 20 AMPERE DUAL TECHNOLOGY 1A25-T1), AS SHOWN ON SCHEMATIC OCCUPANCY SENSOR/LIGHT SWITCH COMBO TO CONTROL THE LIGHTING. LOCATED ON SHEET GE605. 37. ROOF MOUNTED CONDENSING UNIT CU-13 PROVIDE UPS UNIT, APC-SMT2200RM2U SERVES UNITS: FC-2-5 (RM 1A14-5), AS (RACK MOUNTED) OR APC-SMT2200. SHOWN ON SCHEMATIC LOCATED ON PROVIDE WALL MOUNTED SHELF FOR UPS UNIT THAT IS A MINIMUM OF 10" BY 24" IN SIZE AND CAN HOLD A MINIMUM C 38. FAN COIL UNIT SERVED BY CU-1 AS 125 LBS. SUBMIT SHELF TO VA AND SHOWN ON MECHANICAL PLAN LOCATED ENGINEER FOR APPROVAL. INSTALL UPS ON SHELVING UNIT AND SECURE UPS TO SHELF AND WALL. RECONNECT EXISTING 39. FAN COIL UNIT SERVED BY CU-4 AS IT EQUIPMENT REMOVED/DISCONNECTED IN SHOWN ON MECHANICAL PLAN LOCATED ITEM KEYNOTE 2. PROVIDE A FOUR-PLEX RED 40. FAN COIL UNIT SERVED BY CU-5 AS RECEPTACLE(S), HOSPITAL GRADE WITH A SHOWN ON MECHANICAL PLAN LOCATED STAINLESS STÉEL ENGRAVED PLATE, FLUSH MOUNTED, WITH CIRCUIT NUMBER AND PANEL DESIGNATION ENGRAVED ON 41. FAN COIL UNIT SERVED BY CU-6 AS THE NAME PLATE. PATCH EXISTING WALL SHOWN ON MECHANICAL PLAN LOCATED AS REQUIRED TO ACCOMMODATE NEW INSTALLATION. 8. PROVIDE A NEW SQUARE D. SINGLE POLE. 42. FAN COIL UNIT SERVED BY CU-7 AS 20 AMPERE, NQOB STYLE BOLTED SHOWN ON MECHANICAL PLAN LOCATED CIRCUIT BREAKER FOR NEW CIRCUIT 43. FAN COIL UNIT SERVED BY CU-8 AS SHOWN ON MECHANICAL PLAN LOCATED CIRCUITRY INFORMATION. 44. FAN COIL UNIT SERVED BY CU-10 AS

48. FAN COIL UNIT SERVED BY CU-15 AS

49. FAN COIL UNIT SERVED BY CU-16 AS

50. FAN COIL UNIT SERVED BY CU-18 AS

51. FAN COIL UNIT SERVED BY CU-21 AS

52. FAN COIL UNIT SERVED BY CU-19 AS

53. FAN COIL UNIT SERVED BY CU-20 AS

54. FAN COIL UNIT SERVED BY CU-13 AS

55. FAN COIL UNIT SERVED BY CU-14 AS

56. CONDENSING UNIT TO BE INSTALLED ON

57. FAN COIL UNIT SERVED BY CU-22 AS

ON SHEET C5/GE108.

ON SHEET F5/GE108.

ON SHEET F1/GE110.

ON SHEET F1/GE109.

ON SHEET C5/GE111.

ON SHEET F5/GE111.

ON SHEET F1/GE107.

ON SHEET C5/GE108.

AS SHOWN ON GE605.

Project Title

SHOWN ON MECHANICAL PLAN LOCATED

SERVES UNITS: FC-1-38 (RM 1A08-38)

VAMC - SLC, UT

OCTOBER 30, 2012

RENOVATE INFORMATION

Checked

TXH

TECHNOLOGY CLOSETS

58. ROOF MOUNTED CONDENSING UNIT CU-22

GENERATE AND REPRINT NEW COMPUTER GENERATED, TYPEWRITTEN PANEL CIRCUIT DIRECTORY SCHEDULE WITH THE UPDATED 9. PROVIDE A NEW SQUARE D, SINGLE POLE 20 AMPERE, NQOB STYLE BOLTED CIRCUIT BREAKER FOR NEW CIRCUIT GENERATE AND REPRINT NEW COMPUTER GENERATED, TYPEWRITTEN PANEL CIRCUIT DIRECTORY SCHEDULE WITH THE UPDATED

59. CONTRACTOR TO REPLACE STANDARD

TAMPERPROOF SCREWS.

*ELECTRICAL* 

SCREWS IN EXISTING GRILLS WITH

CIRCUITRY INFORMATION. 10. PROVIDE A 20 AMP THERMAL SWITCH RATED FOR MECHANICAL EQUIPMENT.

11. PROVIDE WATER SENSOR UNDERNEATH RAISED FLOOR. TO BE CONNECTED AND CONTROLLED BY EXISTING BUILDING MANAGEMENT SYSTEM.

12. PROVIDE EMERGENCY SHUT OFF SWITCH FOR ALL IT POWER. LOCATE SWITCH IN PLAIN SIGHT BY EXIT. PROVIDE PLASTIC COVER PROTECTOR FOR SHUT OFF

13. PROVIDE ADEQUATE DRIP SHIELD OVER

ALL IT EQUIPMENT.

14. PROVIDE PLASTIC COVER TO PROTECT EM

SHUT OFF SWITCH. 15. PROVIDE NEW 120/208V 3ø, 100A SQUARE D PANEL WITH 24 SPARE 20 AMP 1 POLE BREAKER. PULL POWER FROM 4LGB2. PROVIDE A 100A, 3 POLE BREAKER FOR CIRCUITS 20,22,24. RELOCATE EXISTING AIR HANDLER UNIT FED FROM 4LGB2-20,22,24 TO NEW PANEL 4CGB1-2,4,6 USE EXISTING CONDUIT. RE-PULL NEW CONDUCTORS TO MATCH EXISTING AND PROVIDE NEW CIRCUIT BREAKER TO MATCH EXISTING

FOR AIR HANDLER UNIT RE-WIRING. 16. PROVIDE A NEW SQUARE D, 3 PHASE, 30 AMPERE. NQDB STYLE BOLTED CIRCUIT BREAKER FOR NEW CIRCUIT. GENERATE AND REPRINT NEW COMPUTER GENERATED, TYPEWRITTEN PANEL CIRCUIT DIRECTORY SCHEDULE WITH THE UPDATED

CIRCUITRY INFORMATION. PROVIDE A 30A, 3 PHASE, NEMA 3R DISCONNECT AT CU. 17. PROVIDE NEW 120/208V 3ø, 100A SQUARE D PANEL WITH 24 SPARE 20A SINGLE POLE BREAKERS. PULL POWER FROM THREE LEAST CRITICAL CIRCUITS THAT YOU CAN RE-FEED FROM YOUR NEW PANEL. COORDINATE WITH LAB PERSONNEL AND COTR. RE-PULL NEW CONDUCTORS; CONDUIT AND PROVIDE A NEW CIRCUIT BREAKER TO MATCH

Drawing Number

GE410

Dwg. 25 of 51

EXISTING FOR RE-WIRED CIRCUIT. Project Number Office of 660-11-113 **Building Number** 

and Facilities Management Department of Veterans Affairs



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